

Sunmodule[®] Plus

SW 260 POLY



PERFORMANCE UNDER STANDARD TEST CONDITIONS (STC)*

SW 260		
Maximum power	P_{max}	260 Wp
Open circuit voltage	U_{oc}	38.4 V
Maximum power point voltage	U_{mpp}	31.4 V
Short circuit current	I_{sc}	8.94 A
Maximum power point current	I_{mpp}	8.37 A
Module efficiency	η_m	15.51 %

Measuring tolerance (P_{max}) traceable to TUV Rheinland: +/- 2% (TUV Power controlled, ID 0000039351)

*STC: 1000W/m², 25°C, AM 1.5

PERFORMANCE AT 800 W/m², NOCT, AM 1.5

SW 260		
Maximum power	P_{max}	192.4 Wp
Open circuit voltage	U_{oc}	34.8 V
Maximum power point voltage	U_{mpp}	28.5 V
Short circuit current	I_{sc}	7.35 A
Maximum power point current	I_{mpp}	6.76 A

Minor reduction in efficiency under partial load conditions at 25°C: at 200 W/m², 97% (+/-3%) of the STC efficiency (1000 W/m²) is achieved.

PARAMETERS FOR OPTIMAL SYSTEM INTEGRATION

Power sorting	-0 Wp / +5 Wp
Maximum system voltage SC II	1000 V
Maximum reverse current	25 A
Number of bypass diodes	3
Operating range	-40°C - +85°C
Maximum Design Loads (Two rail system)*	+5.4 kN/m ² / -3.1 kN/m ²
Maximum Design Loads (Three rail system)*	+8.5 kN/m ² / -3.1 kN/m ²

*Please refer to the Sunmodule Installation instructions for the details associated with these load cases.

COMPONENT MATERIALS

Cells per module	60
Cell type	Poly crystalline
Cell dimensions	156 mm x 156 mm
Front	Tempered safety glass (EN 12150)
Back	Film, white
Frame	Clear anodized aluminum
J-Box	IP65
Connector	H4

DIMENSIONS / WEIGHT

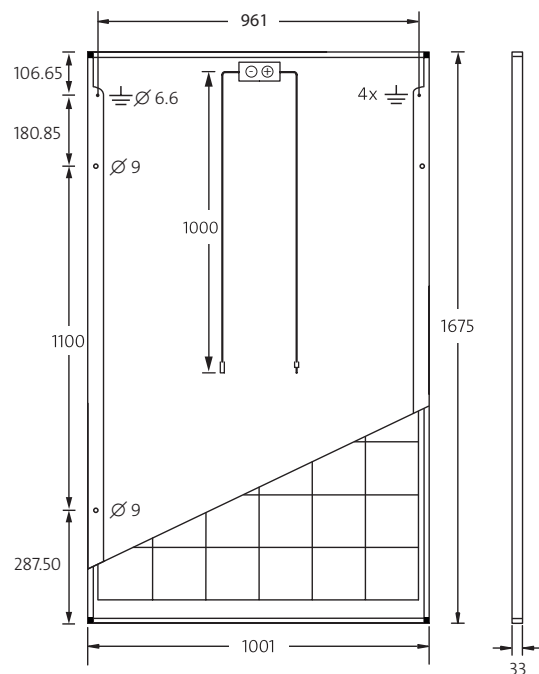
Length	1675 mm
Width	1001 mm
Height	33 mm
Weight	18.0 kg

THERMAL CHARACTERISTICS

NOCT	46 °C
TK I_{sc}	0.051 %/K
TK U_{oc}	-0.31 %/K
TK P_{mpp}	-0.41 %/K

ORDERING INFORMATION

Order number	Description
82000008	Sunmodule Plus SW 260 poly



CERTIFICATES AND WARRANTIES

Certificates	IEC 61730	IEC 61215	UL 1703
	IEC 62716	IEC 60068-2-68	IEC 61701
Warranties	Product Warranty	10 years	
	Linear Performance Guarantee	25 years	